

Claims

[c1] What is claimed is:

1. An electrical device capable of auto-adjusting display direction according to a tilt of a display comprising:

a housing;

a display panel installed on the housing for displaying images;

a gravity sensor for generating a sensing parameter based on a tilt of the display panel;

a direction control device for generating direction signals; and

a micro-controller for adjusting the display direction of the display panel based on the sensing parameter, and for adjusting the indicated direction corresponding to direction signals generated by the direction control device.

[c2] 2. The electrical device of claim 1, wherein the direction control device is a set of four-direction buttons.

[c3] 3. The electrical device of claim 1, wherein the direction control device is set on the housing.

[c4] 4. The electrical device of claim 1, wherein the direction

control device is a joystick or a track ball connected to the housing of the electrical device.

[c5] 5.The electrical device of claim 1being capable of displaying the images in four different directions.

[c6] 6.The electrical device of claim 5, wherein the micro-controller switches the display direction of the display panel when the tilt angle detected by the G sensor reaches a predetermined angle.

[c7] 7.The electrical device of claim 1 being a personal digital assistant, a tablet PC, a digital camera or a digital cam-corder.